



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/755,512	01/05/2001	Raymond Kloth	112025-0074C1	6783
24267	7590	08/22/2006	EXAMINER	
CESARI AND MCKENNA, LLP 88 BLACK FALCON AVENUE BOSTON, MA 02210			NGUYEN, TOAN D	
			ART UNIT	PAPER NUMBER
			2616	

DATE MAILED: 08/22/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

31

Advisory Action Before the Filing of an Appeal Brief	Application No. 09/755,512	Applicant(s) KLOTH, RAYMOND	
	Examiner Toan D. Nguyen	Art Unit 2616	

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 14 August 2006 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☐ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) ☐ The period for reply expires months from the mailing date of the final rejection.
- b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on . A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☒ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because
- (a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below);
- (b) ☐ They raise the issue of new matter (see NOTE below);
- (c) ☒ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
- (d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: . (See 37 CFR 1.116 and 41.33(a)).


4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
5. ☐ Applicant's reply has overcome the following rejection(s): .
6. ☐ Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
7. ☒ For purposes of appeal, the proposed amendment(s): a) ☒ will not be entered, or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.
- The status of the claim(s) is (or will be) as follows:
- Claim(s) allowed: .
- Claim(s) objected to: .
- Claim(s) rejected: 1-11, 13-16 and 18-23.
- Claim(s) withdrawn from consideration: .

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because:
See Continuation Sheet.
12. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08 or PTO-1449) Paper No(s).
13. ☐ Other: .


HUY D. VU
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800

Continuation of 11. does NOT place the application in condition for allowance because: Applicant notes that the recitation in claim of "said one or more indicia of frame type designation comprising at least a protocol type," was originally recited (in part) in cancelled claim 3, which depended from claim 1. The applicant argues with respect to claims 1-2, 5, 7, 9-11, 13-16, and 18-20, that neither reference (Shani and Crayford) discloses deriving a virtual local area network (derived VLAN) value in response to said one or more indicia of frame designation, said one or more indicia...comprising at least a protocol type. The examiner disagrees. Applicant's attention is directed to Crayford patent at col. 8 lines 25-27 (see FIG. 7A and FIG. 7B), where Crayford clearly teaches "Untagged frames, as shown in FIG. 7A are formatted in accordance with IEEE 802.3 and tagged frames are formatted in accordance with IEEE 802.1d." (said one or more indicia of frame designation, said one or more indicia...comprising at least a protocol type means). Crayford further teaches at col. 8 lines 52-62, "When the multiport switch 12 receives a frame from an untagged port, the receive MAC 60 strip off the DA and SA and sends this information to the IRC 68 along with the receive port number and frame pointer. The IRC controller 104 searches the address table 106 twice: once for an SA and receive (RX) port number match (to find a VLAN index) (VLAN value means) and once for a DA and VLAN index match (to find a forwarding port vector). The searches occur as follows:

Search 1: (SA, RX Port Number) -> VLAN Index Search

2: (DA, VLAN Index*) -> Forwarding Port Vector

*VLAN Index found during Search 1. (deriving a virtual local area network (derived VLAN) value means).

Therefore, the final Office action is retained.